



made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

The references now cited are the following:

U.S. PATENT DOCUMENT

| DOCUMENT NUMBER | DATE | NAME |
|-----------------|----------|-----------------|
| 5,468,634 | 11/21/95 | Liu |
| 5,871,697 | 2/16/99 | Rothberg et al. |

OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)

LY

| |
|---|
| Adams, R. H., G. A. Wilkinson, et al., "Roles of ephrinB ligands and EphB receptors in cardiovascular development: demarcation of arterial/venous domains, vascular morphogenesis, and sprouting angiogenesis", <i>Genes Dev</i> 13(3), 1999, pp 295-306. |
| Amieva, M. R. and H. Furthmayr, "Subcellular localization of moesin in dynamic filopodia, retraction fibers, and other structures involved in substrate exploration, attachment, and cell-cell contacts", <i>Exp Cell Res</i> 219(1), 1995, pp 180-96. |
| Arch, R. H. and C. B. Thompson, "4-1BB and Ox40 are members of a tumor necrosis factor (TNF)-nerve growth factor receptor subfamily that bind TNF receptor-associated factors and activate nuclear factor kappaB", <i>Mol Cell Biol</i> 18(1), 1998, pp 558-65. |
| Arnman, V., S. Stemme, et al., "Interferon-gamma modulates the fibrinolytic response in cultured human endothelial cells", <i>Thromb Res</i> 77(5), 1995, pp 431-40. |
| Arpin, M., E. Friederich, et al., "Functional differences between L- and T-plastin isoforms". <i>J Cell Biol</i> 127(6 Pt 2), 1994, pp 1995-2008. (ABSTRACT ONLY) |
| Avanzi, G. C., M. Gallicchio, et al., "GAS6 inhibits granulocyte adhesion to endothelial cells", <i>Blood</i> 91(7), 1998, pp 2334-40. |
| Baum, et al., "Identification of OX40 ligand and preliminary characterization of its activities on OX40 receptor", <i>Circ. Shock</i> 44 (1), 1994, pp 30-34. GenBank Accession Number: S76792 |
| Bement, et al., "Cloning and mRNA expression of human unconventional myosin-IC. A homologue of amoeboid myosins-I with a single IQ motif and an SH3 domain", <i>J. Mol. Biol.</i> 243 (2), 1994, pp 356-363. GenBank Accession Number: U14391 |
| Berquin, I. M. and B. F. Sloane, "Cathepsin B expression in human tumors." <i>Adv Exp Med Biol</i> 389, 1996, pp 281-94. |
| Cao, et al., "Human gastric adenocarcinoma cathepsin B: isolation and sequencing of full-length cDNAs and polymorphisms of the gene." <i>Gene</i> 139 (2), 1994, pp 163-169. GenBank Accession Number: L16510 |
| Chan, et al., "Nucleotide and predicted amino acid sequences of cloned human and mouse preprocathepsin B cDNAs", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 83 (20), 1986, pp7721-7725. GenBank Accession Number: M14221 |
| Chang, et al., "A novel human cDNA highly homologous to the fish hormone stanniocalcin", <i>Mol. Cell. Endocrinol.</i> 112 (2), 1995, pp 241-247. GenBank Accession Number: U25997 |
| Chen, et al., 1996 "Cloning of the cDNA for a human homologue of the Drosophila white gene and mapping to chromosome 21q22.3." <i>Am. J. Hum. Genet.</i> 59 (1), 1996, pp 66-75. GenBank Accession Number: X91249 |

LY

| |
|--|
| Coluccio, L. M., "Differential calmodulin binding to three myosin-1 isoforms from liver", J Cell Sci 107(Pt 8), 1994, pp 2279-84. |
| Danilenko, D. M., S. Montestruque, et al. (1999). "Recombinant rat fibroblast growth factor-16: structure and biological activity." Arch Biochem Biophys 361(1): 34-46. |
| Dick, et al., "Cytoplasmic dyein (ddlcl) mutations cause morphogenetic defects and apoptotic cell death in Drosophila melanogaster", Mol. Cell. Biol. 16 (5), 1996, pp 1966-1977. GenBank Accession Number: U32944 |
| Dickinson, J. L., B. J. Norris, et al., "The C-D interhelical domain of the serpin plasminogen activator inhibitor-type 2 is required for protection from TNF-alpha induced apoptosis", Cell Death Differ 5(2) 1998, pp 163-71. |
| Whitman, S. E. et al. "Comparison of human stromelysin and collagenase by cloning and sequence analysis", Biochem. J. 240 (3), 1987, pp 913-916. GenBank Accession Number: X05231 |
| Dreesen, T. D., D. H. Johnson, et al., "The brown protein of Drosophila melanogaster is similar to the white protein and to components of active transport complexes", Mol Cell Biol 8(12), 1988, pp 5206-15. |
| Folkman, J., K. Watson, et al., "Induction of angiogenesis during the transition from hyperplasia to neoplasia", Nature 339 (6219), 1989, pp 58-61. |
| Glass, et al., "Sequence and expression of a human type II mesothelial keratin", J. Cell. Biol. 101 (6), 1988, pp 2366-2373. GenBank Accession Number: X03212 |
| Godfrey, W. R., F. F. Fagnoni, et al. (1994). "Identification of a human OX-40 ligand, a costimulator of CD4+ T cells with homology to tumor necrosis factor." J Exp Med 180(2), 1994, pp 757-62. |
| Hager, G., H. Pawelzik, et al., "A peptide derived from a neurite outgrowth-promoting domain on the gamma 1 chain of laminin modulates the electrical properties of neocortical neurons", Neuroscience 86(4), 1998, pp 1145-54. |
| Hammond, C., L. K. Denzin, et al. (1998). "The tetraspan protein CD82 is a resident of MHC class II compartments where it associates with HLA-DR, -DM, and -DO molecules." J Immunol 161(7), 1998, pp 3282-91. |
| Heath, P., Direct Submission, 2000, GenBank Accession Number: Q28282 (CAB87617) |
| Hennessy, et al., "Complete thrombospondin mRNA sequence includes potential regulatory sites in the 3' untranslated region", J. Cell Biol. 108 (2), 1989, pp 729-736. GenBank Accession Number: X14787 |
| Hibi, et al., "Molecular cloning and expression of an IL-6 signal transducer, gp130", Cell 63 (6), 1990, pp 1149-1157. GenBank Accession Number: M57230 |
| Hibino, T., Y. Matsuda, et al., "Suppression of keratinocyte proliferation by plasminogen activator inhibitor-2." J Invest Dermatol 112(1), 1999, pp 85-90. |
| Hisano, T., M. Ono, et al., "Increased expression of T-plastin gene in cisplatin-resistant human cancer cells: identification by mRNA differential display", FEBS Lett 397(1), 1996, pp 101-7. |
| Iino, M., D. C. Foster, et al., "Quantification and characterization of human endothelial cell-derived tissue factor pathway inhibitor-2." Arterioscler Thromb Vasc Biol 18(1), 1998, pp 40-6. |
| Imura, A., T. Hori, et al., "The human OX40/gp34 system directly mediates adhesion of activated T cells to vascular endothelial cells", J Exp Med 183(5), 1996, pp 2185-95. |
| Ishikawa, et al., "Molecular cloning and chromosomal mapping of a bone marrow stromal cell surface gene, BST2, that may be involved in pre-B-cell growth", Genomics 26 (3), 1995, pp 527-534. GenBank Accession Number: D28137 |
| Ishikawa, et al., "Prediction of the coding sequences of unidentified human genes. X. The complete sequences of 100 new cDNA clones from brain which can code for large proteins in vitro", DNA Res. 5 (3), 1998, pp 169-176. GenBank Accession Number: NM_005099 |

LY

| |
|---|
| Janssen, et al., "Novel putative tyrosine kinase receptor with oncogenic potential", Direct Submission, 1990, GenBank Accession Number: X57019 |
| Janssen, et al., "A novel putative tyrosine kinase receptor with oncogenic potential", Oncogene 6 (11), 1991, pp 2113-2120. GenBank Accession Number: P30530 |
| Kallunki, et al., "A truncated laminin chain homologous to the B2 chain: structure, spatial expression, and chromosomal assignment", J. Cell Biol. 119 (3), 1992, pp 679-693. GenBank Accession Number: U31201 |
| Keppler, D., M. Sameni, et al., "Tumor progression and angiogenesis: cathepsin B & Co", Biochem Cell Biol 74(6), 1996, pp 799-810. |
| Kerlavage, A.R., Direct Submission, 1997, GenBank Accession Number: AA301555 |
| Kerlavage, A.R., Direct Submission, 1997, GenBank Accession Number: AA332019 |
| Kerlavage, A.R., Direct Submission, 1997, GenBank Accession Number: AA337670 |
| Kerlavage, A.R., Direct Submission, 1997, GenBank Accession Number: AA363712 |
| Kerlavage, A.R., Direct Submission, 1997, GenBank Accession Number: AA370299 |
| Kershaw, et al., "Molecular cloning and characterization of human podocalyxin-like protein orthologous relationship to rabbit PCLP1 and rat podocalyxin", J. Biol. Chem. 272 (25), 1997, pp 15708-15714. GenBank Accession Number: U97519 |
| Khaliq, A., D. Foreman, et al., "Increased expression of placenta growth factor in proliferative diabetic retinopathy", Lab Invest 78(1), 1998, pp 109-16. |
| Khaliq, A., X. F. Li, et al., "Localisation of placenta growth factor (PIGF) in human term placenta", Growth Factors 13(3-4), 1996, pp 243-50. |
| Kohfeldt, E., T. Sasaki, et al., "Nidogen-2: a new basement membrane protein with diverse binding properties", J Mol Biol 282(1), 1998, pp 99-109. |
| Kutty, et al., "Molecular characterization and developmental expression of NORPEG, a novel gene induced by retinoic acid", J. Biol. Chem. 276 (4), 2001, pp 2831-2840. GenBank Accession Number: AF155135 |
| Lankes, W. T. et al., "Moesin: a member of the protein 4.1-talin-ezrin family of proteins", Proc. Natl. Acad. Sci. U.S.A. 88, 1991, pp 8297-8301. GenBank Accession Number: M69066 |
| Li, H. et al., "Molecular cloning of human ALG-2 interacting protein 1 (AIP1). Direct Submission, 1999, GenBank Accession Number: AF151793 |
| Liew, C. C., Direct Submission, 1996, GenBank Accession Number: N56435 |
| Lin, C. S., T. Park, et al., "Human plastin genes. Comparative gene structure, chromosome location, and differential expression in normal and neoplastic cells", J Biol Chem 268(4), 1993, pp 2781-92. |
| Lin, et al., "Human plastin genes. Comparative gene structure, chromosome location, and differential expression in normal and neoplastic cells." J. Biol. Chem. 268: (4), 1993, pp 2781-2792. GenBank Accession Number: L05491 |
| Lindberg, et al., "cDNA cloning and characterization of eck, an epithelial cell receptor protein-tyrosine kinase in the eph/elk family of protein kinases," Mol. Cell. Biol. 10 (12), 1990, pp 6316-6324. GenBank Accession Number: M59371 |
| Lindberg, et al., 1990 "cDNA cloning and characterization of eck, an epithelial cell receptor protein-tyrosine kinase in the eph/elk family of protein kinases." Mol. Cell. Biol. 10 (12): 6316-6324. GenBank Accession Number: NM_004431 |
| Maggi, L. et al., Direct Submission, 2000, GenBank Accession Number: AC002076 |
| Maglioni, D. et al., "Isolation of a human placenta cDNA cloning for a protein related to the vascular permeability factor", Proc. Natl. Acad. Sci. U.S.A. 88 (20), 1991, pp 9267-9271. GenBank Accession Number: X54936 |

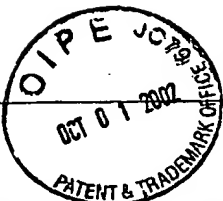
| |
|---|
| McCloskey, P., Y. W. Fridell, et al., "GAS6 mediates adhesion of cells expressing the receptor tyrosine kinase Axl", <i>J Biol Chem</i> 272(37), 1997, pp 23285-91. |
| Missotten, M. et al., "Alix, a novel mouse protein undergoing calcium-dependent interaction with the apoptosis-linked-gene 2 (ALG-2) protein." <i>Cell Death Differ.</i> 6 (2), 1999, pp 124-129. GenBank Accession Number: AJ005073 |
| Missotten, M., A. Nichols, et al., "Alix, a novel mouse protein undergoing calcium-dependent interaction with the apoptosis-linked-gene 2 (ALG-2) protein", <i>Cell Death Differ</i> 6(2), 1999, pp 124-9. |
| Miyake, A., M. Konishi, et al., "Structure and expression of a novel member, FGF-16, of the fibroblast growth factor family", <i>Biochem Biophys Res Commun</i> 243(1), 1998, pp 148-52. |
| Miyake, et al., "Structure and expression of a novel member, FGF-16, of the fibroblast growth factor family", <i>Biochem. Biophys. Res. Commun.</i> 243 (1), 1998, pp 148-152. GenBank Accession Number: AB009391 |
| Mosialos, et al., "Epstein-Barr virus infection induces expression in B lymphocytes of a novel gene encoding an evolutionarily conserved 55-kilodalton actin-bundling protein", <i>J. Virol.</i> 68 (11), 1994, pp 7320-7328. GenBank Accession Number: U09873 |
| Mukaida, et al., "Genomic structure of the human monocyte-derived neutrophil chemotactic factor IL-8." <i>J. Immunol.</i> 143 (4), 1989, pp 1366-1371. GenBank Accession Number: M28130 |
| Nagira, M., T. Imai, et al., "Mouse homologue of C33 antigen (CD82), a member of the transmembrane 4 superfamily: complementary DNA, genomic structure, and expression", <i>Cell Immunol</i> 157(1), 1994, pp 144-57. |
| Newman, et al., "PECAM-1 (CD31) cloning and relation to adhesion molecules of the immunoglobulin gene superfamily." <i>Science</i> 247, 1990, pp 1219-1222. GenBank Accession Number: M28526 |
| Nicosia, R. F., E. Bonanno, et al., "Modulation of angiogenesis in vitro by laminin-entactin complex", <i>Dev Biol</i> 164(1), 1994, pp 197-206. |
| O'Donnell, K., I. C. Harkes, et al., "Expression of receptor tyrosine kinase Axl and its ligand Gas6 in rheumatoid arthritis: evidence for a novel endothelial cell survival pathway", <i>Am J Pathol</i> 154(4), 1999, pp 1171-80. |
| Ohno, et al., Direct Submission, 1996, GenBank Accession Number: D86425 |
| Olsen, H. S., M. A. Cepeda, et al., "Human stanniocalcin: a possible hormonal regulator of mineral metabolism", <i>Proc Natl Acad Sci USA</i> 93(5), 1996, pp 1792-6. |
| Park, J. E., H. H. Chen, et al., "Placenta growth factor. Potentiation of vascular endothelial growth factor bioactivity, in vitro and in vivo, and high affinity binding to Flt-1 but not to Flk-1/KDR", <i>J Biol Chem</i> 269(41), 1994, pp 25646-54. |
| Ponce, M. L., M. Nomizu, et al., "Identification of endothelial cell binding sites on the laminin gamma 1 chain", <i>Circ Res</i> 84(6), 1999, pp 688-94. |
| Rao, C. N., S. Mohanam, et al., "Regulation of ProMMP-1 and ProMMP-3 activation by tissue factor pathway inhibitor-2/matrix-associated serine protease inhibitor", <i>Biochem Biophys Res Commun</i> 255(1), 1999, pp 94-8. |
| Samia, et al., "Chromosomal organization and localization of the human urokinase inhibitor gene: Perfect structural conservation with ovalbumin", <i>Genomics</i> 6, 1990, pp 159-167. GenBank Accession Number: M31551 |
| Samso, M., M. Radermacher, et al., "Structural characterization of a dynein motor domain", <i>J Mol Biol</i> 276(5), 1998, pp 927-37. |
| Sassetti, C., K. Tangemann, et al., "Identification of podocalyxin-like protein as a high endothelial venule ligand for L-selectin: parallels to CD34", <i>J Exp Med</i> 187(12), 1998, pp 1965-75. |
| Sawano, A., T. Takahashi, et al., "Flt-1 but not KDR/Flk-1 tyrosine kinase is a receptor for placenta growth factor, which is related to vascular endothelial growth factor." <i>Cell Growth Differ</i> 7(2), 1996, pp 213-21. |

LY

| |
|---|
| Shimkets, R. A., D. G. Lowe, et al., "Gene expression analysis by transcript profiling coupled to a gene database query", <i>Nat Biotechnol</i> 17(8), 1999, pp 798-803. |
| Shinoda, E., Y. Yui, et al., "Tissue factor pathway inhibitor-2 is a novel mitogen for vascular smooth muscle cells." <i>J Biol Chem</i> 274(9), 1999, pp 5379-84. |
| Sprecher, et al., "Molecular cloning, expression, and partial characterization of a second human tissue-factor-pathway inhibitor", <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91(8), 1994, pp 3353-3357. GenBank Accession Number: L27624 |
| Strausberg, R., Direct Submission, 1999, GenBank Accession Number: AW076072 |
| Sundstrom, B. E. and T. I. Stigbrand, "Cytokeratins and tissue polypeptide antigen", <i>Int J Biol Markers</i> 9(2), 1994, pp 102-8. (ABSTRACT ONLY) |
| Taga, T. and T. Kishimoto, "Gp130 and the interleukin-6 family of cytokines", <i>Annu Rev Immunol</i> 15, 1997, pp 797-819. |
| Takada, et al., "The primary structure of the VLA-2/collagen receptor alpha 2 subunit (platelet GPIa): Homology to other integrins and the presence of a possible collagen-binding domain", <i>J. Cell Biol.</i> 109 (1), 1989, pp 397-407. GenBank Accession Number: X17033 |
| Tortorella, M. D., T. C. Burn, et al., "Purification and cloning of aggrecanase-1: a member of the ADAMTS family of proteins." <i>Science</i> 284(5420), 1999, pp 1664-6. |
| Vazquez, F., G. Hastings, et al., "METH-1, a human ortholog of ADAMTS-1, and METH-2 are members of a new family of proteins with angio-inhibitory activity." <i>J Biol Chem</i> 274(33), 1999, pp 23349-57. |
| Wagner, G. F., C. C. Guiraudon, et al., "Immunological and biological evidence for a stanniocalcin-like hormone in human kidney", <i>Proc Natl Acad Sci U S A</i> 92(6), 1995, pp 1871-5. |
| Weidner, N., J. P. Semple, et al., "Tumor angiogenesis and metastasis--correlation in invasive breast carcinoma", <i>N Engl J Med</i> 324(1), 1991, pp 1-8. |
| Wilson, R.K., Direct Submission, 1995, GenBank Accession Number: T53906 |
| Wilson, R.K., Direct Submission, 1995, GenBank Accession Number: AA088472 |
| Wilson, R.K., Direct Submission, 1995, GenBank Accession Number: N73108 |
| Wilson, R.K., Direct Submission, 1996, GenBank Accession Number: W38656 |
| Wilson, R.K., Direct Submission, 1996, GenBank Accession Number: W77963 |
| Wilson, R.K., Direct Submission, 1997, GenBank Accession Number: AA196914 |
| Wilson, R.K., Direct Submission, 1998, GenBank Accession Number: AA984515 |
| Yamashiro, S., Y. Yamakita, et al., "Fascin, an actin-bundling protein, induces membrane protrusions and increases cell motility of epithelial cells", <i>Mol Biol Cell</i> 9(5), 1998, pp 993-1006. |
| Zhao, et al., "Purification and cloning of PZR, a binding protein and putative physiological substrate of tyrosine Phosphatase SHP-2", <i>J. Biol. Chem.</i> 273 (45), 1998, pp 29367-29372. GenBank Accession Number: AF087020 |
| Zhao, Z. J. and R. Zhao, "Purification and cloning of PZR, a binding protein and putative physiological substrate of tyrosine phosphatase SHP-2", <i>J Biol Chem</i> 273(45), 1998, pp 29367-72. |
| Zhou, R., "The Eph family receptors and ligands." <i>Pharmacol Ther</i> 77(3), 1998, pp 151-81. |
| Ziche, M., D. Maglione, et al., "Placenta growth factor-1 is chemotactic, mitogenic, and angiogenic." <i>Lab Invest</i> 76(4), 1997, pp 517-31. |
| Zoellner, H., J. Wojta, et al., "Cytokine regulation of the synthesis of plasminogen activator inhibitor- 2 by human vascular endothelial cells. Comparison with plasminogen activator inhibitor-1 synthesis", <i>Thromb Haemost</i> 69(2), 1993, pp 135-40. |

/Lei Yao/

09/18/2006

Form PTO-1449
(Rev. 8-88)

Attorney Docket No. 09800081-0041

Serial No. 09/703,350

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Fuad Mehraban et al.

Filing Date: October 31, 2000

Group 1642

RECEIVED

OCT 08 2002

U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----------------|------|------|-------|----------|----------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

| | | Document Number | | | Class | Subclass | Translation | |
|----|----|-----------------|----------------|--------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| LY | AA | WO 93/23075 | Nov. 25, 1993 | Liang et al. | | | X | |
| | AB | WO 97/30065 | Aug. 21, 1997 | Falb | | | X | |
| | AC | WO 98/31709 | July 23, 1998 | Gerl | | | | X |
| | AD | WO 00/52051 | Sept. 8, 2000 | Stilz | | | X | |
| | AE | WO 00/55174 | Sept. 21, 2000 | Ruben | | | X | |
| | AF | WO 01/73025 | Oct. 4, 2001 | Kalluri | | | X | |
| | | | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

LY AG Eddie Kohfeldt et al., "Nidogen-2: A New Basement Membrane Protein with Diverse Binding Properties," Journal of Molecular Biology, Vol. 282, 1998, Pg. 99-109, ISSN: 0022-2836.LY AH Ian N. Bird et al., "Homophilic PECAM-1 (CD31) interactions prevent endothelial cell apoptosis but do not support cell spreading or migration," Journal of Cell Science, Vol. 112, No. 12, June 1999, Pg. 1989-1997, ISSN: 0021-9533.

14126335

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

Docket Number:

11669.213USU1

Application Number:

09/703,350

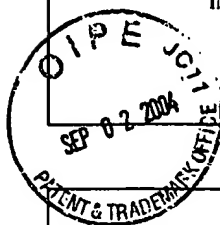
IN AN APPLICATION

(Use several sheets if necessary)

Applicant: MEHRABAN ET AL.

Filing Date: 10/31/00

Group Art Unit: 1642



U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------|------|------|-------|----------|-------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|--------------|------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|---|
| LY | | Davis, G. et al., "An $\alpha 2\beta 1$ Integrin-Dependent Pinocytic Mechanism Involving Intracellular Vacuole Formation and Coalescence Regulates Capillary Lumen and Tube Formation in Three-Dimensional Collagen Matrix", <u>Experimental Cell Research</u> , 224:39-51 (1996) |
| | | Filvaroff, E. et al., "Stanniocalcin I Alters Muscle and Bone Structure and Function in Transgenic Mice", <u>Endocrinology</u> , 143(9):3681-3690 (2002) |
| | | Kahn, J. et al., "Gene Expression Profiling in an <i>in Vitro</i> Model of Angiogenesis", <u>American Journal of Pathology</u> , 156(6):1887-1900 (June 2000) |
| | | Presta, L. et al., "Humanization of an Anti-Vascular Endothelial Growth Factor Monoclonal Antibody for the Therapy of Solid Tumors and Other Disorders", <u>Cancer Research</u> , 57:4593-4599 (Oct. 15, 1997) |
| | | Wary, K. et al., "Analysis of VEGF-responsive Genes involved in the activation of endothelial cells", <u>Molecular Cancer</u> , 2:25 (July 9, 2003) |
| ↓ | | Zlot, C. et al., "Stanniocalcin I is an Autocrine Modulator of Endothelial Angiogenic Responses to Hepatocyte Growth Factor", <u>The Journal of Biological Chemistry</u> , 278(48):47654-47659 (Nov. 28, 2003) |

23552

PATENT TRADEMARK OFFICE

EXAMINER

/Lei Yao/

DATE CONSIDERED

09/18/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

| | | | | |
|---|--|--|---------------------------------|-----------------------------------|
| PTO MAY 24 2005 PATENT & TRADEMARK OFFICE | INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) | | Docket Number: 11669.213USUI | Application Number: 09/703,350 |
| | | | Applicant: MEHRABAN ET AL. | |
| | | | Filing Date: 10/31/00 | Group Art Unit: 1642 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------|------|------|-------|----------|-------------------------------|
| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------|------|---------|-------|----------|-------------|----|
| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|--|--|
| LY | | Davis, G. et al., "An $\alpha 2 \beta 1$ Integrin-Dependent Pinocytic Mechanism Involving Intracellular Vacuole Formation and Coalescence Regulates Capillary Lumen and Tube Formation in Three-Dimensional Collagen Matrix", <u>Experimental Cell Research</u> , 224:39-51 (1996) |
| ↓ | | Filvaroff, E. et al., "Stanniocalcin 1 Alters Muscle and Bone Structure and Function in Transgenic Mice", <u>Endocrinology</u> , 143(9):3681-3690 (2002) |
| | | Kahn, J. et al., "Gene Expression Profiling in an <i>in Vitro</i> Model of Angiogenesis", <u>American Journal of Pathology</u> , 156(6):1887-1900 (June 2000) |
| | | Presta, L. et al., "Humanization of an Anti-Vascular Endothelial Growth Factor Monoclonal Antibody for the Therapy of Solid Tumors and Other Disorders", <u>Cancer Research</u> , 57:4593-4599 (Oct. 15, 1997) |
| | | Wary, K. et al., "Analysis of VEGF-responsive Genes involved in the activation of endothelial cells", <u>Molecular Cancer</u> , 2:25 (July 9, 2003) |
| | | Zlot, C. et al., "Stanniocalcin 1 is an Autocrine Modulator of Endothelial Angiogenic Responses to Hepatocyte Growth Factor", <u>The Journal of Biological Chemistry</u> , 278(48):47654-47659 (Nov. 28, 2003) |

23552

PATENT TRADEMARK OFFICE

| | | | |
|---|-----------|-----------------|------------|
| EXAMINER | /Lei Yao/ | DATE CONSIDERED | 09/18/2006 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. | | | |

Form PTO-1449
(Rev. 3-88)

Attorney Docket No. 9800081-0041

Serial No. 09/703,350

Applicant: Fuad Mehraban et al.

Filing Date: October 31, 2000

Group: 1642

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

MAY 24 2005

U.S. PATENT DOCUMENTS

| Initial | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|---------|-----------------|------|------|-------|----------|-------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Name | Class | Subclass | Translation | |
|----|----|-----------------|----------------|--------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| LY | AA | WO 93/23075 | Nov. 25, 1993 | Liang et al. | | | X | |
| | AB | WO 97/30065 | Aug. 21, 1997 | Falb | | | X | |
| | AC | WO 98/31709 | July 23, 1998 | Gerl | | | | X |
| | AD | WO 00/52051 | Sept. 8, 2000 | Stilz | | | X | |
| | AE | WO 00/55174 | Sept. 21, 2000 | Ruben | | | X | |
| | AF | WO 01/73025 | Oct. 4, 2001 | Kalluri | | | X | |
| | | | | | | | | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

LY AG Eddie Kohfeldt et al., "Nidogen-2: A New Basement Membrane Protein with Diverse Binding Properties," Journal of Molecular Biology, Vol. 282, 1998, Pg. 99-109, ISSN: 0022-2836.

↓ AH Ian N. Bird et al., "Homophilic PECAM-1 (CD31) interactions prevent endothelial cell apoptosis but do not support cell spreading or migration," Journal of Cell Science, Vol. 112, No. 12, June 1999, Pg. 1989-1997, ISSN: 0021-9533.

14126335

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

Docket Number:

11669.213USUI

Application Number:

09/703,350

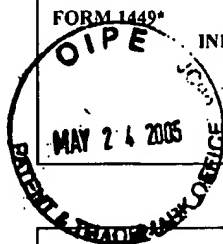
IN AN APPLICATION

Applicant: MEHRABAN ET AL.

(Use several sheets if necessary)

Filing Date: 10/31/00

Group Art Unit: 1642



U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------|----------|--------------|-------|----------|-------------------------------|
| LY | 6,365,572 B1 | 04/02/02 | STILZ ET AL. | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|--------------|------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|---|
| LY | | Gerritsen et al., "Stanniocalcin: No Longer Just a Fish Tale", <i>Vitamins and Hormones</i> , 70:105-135 (2005) |
| | | |
| | | |
| | | |
| | | |
| | | |

23552

PATENT TRADEMARK OFFICE

EXAMINER

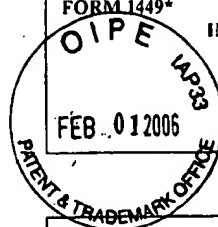
/Lei Yao/

DATE CONSIDERED

09/18/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

| | | |
|---|---------------------------------|-----------------------------------|
| FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) | Docket Number: 11669.213USU1 | Application Number: 09/703,350 |
| | Applicant: MEHRABAN ET AL. | |
| | Filing Date: 10/31/2000 | Group Art Unit: 1642 |



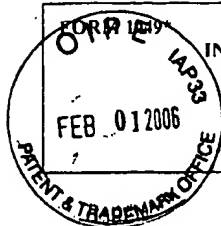
| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--------------|------------|-----------------|-------|----------|----------------------------|--|
| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| LY | 5,547,856 | 08/20/1996 | Godowski et al. | | | | |
| LY | 6,099,841 | 08/08/2000 | Hillanetal. | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------|------------|---------|-------|----------|-------------|----|
| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| LY | WO 01/30969 | 05/03/2001 | PCT | | | | |
| LY | WO 01/32926 | 05/10/2001 | PCT | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|--|--|
| LY | | Bussolino et al., "Hepatocyte Growth Factor is a Potent Angiogenic Factor Which Stimulates Endothelial Cell Motility and Growth", <u>Journal of Cell Biology</u> , 119(3):629-641 (1992) |
| | | Couffignal et al., "Animal Model: Mouse Model of Angiogenesis", <u>American Journal of Pathology</u> , 152(6):1667-1679 (1998) |
| | | Ferrara, N., "Role of Vascular Endothelial Growth Factor in Physiologic and Pathologic Angiogenesis: Therapeutic Implications", <u>Seminars in Oncology</u> , 29(6):Suppl.16:10-14 (2002) |
| | | Filvaroff et al., "Stanniocalcin I Alters Muscle and Bone Structure and Function in Transgenic Mice", <u>Endocrinology</u> , 143(9):3681-3690 (2002) |
| | | Folkman, J., "Role of Angiogenesis In Tumor Growth and Metastasis", <u>Seminars in Oncology</u> , 29(6):Suppl.16:15-18 (2002) |
| | | Freund, Y.R. and Blair, P.B., "Depression of Natural Killer Activity and Mitogen Responsiveness in Mice Treated with Pristane", <u>J. Immunol.</u> , 129:2826-2830 (1982) |
| | | Fujiwara et al., "Assessment of Stanniocalcin-I mRNA as a molecular marker for micrometastases of various human cancers", <u>Int. J. Oncol.</u> , 16:799-804 (2000) |
| | | Gerritsen et al., "In silico data filtering to identify new angiogenesis targets from a large in vitro gene profiling data set", <u>Physiol. Genomics</u> , 10:13-20 (2002) |
| | | Hayashi et al., "Potential Role of Hepatocyte Growth Factor, a Novel Angiogenic Growth Factor, in Peripheral Arterial Disease", <u>Circulation</u> , 100[Suppl. II]:II-301-II-308 (1999) |
| | | Hongo et al., "Development and Characterization of Murine Monoclonal Antibodies to the Latency-Associated Peptide of Transforming Growth Factor β_1 ", <u>Hybridoma</u> , 14(3):253-260 (1995) |
| | | Ito et al., "Angiogenesis but not collateral growth is associated with ischemia after femoral artery occlusion", <u>Am. J. Physiol.</u> , 273(3 Pt 2):H1255-H1265 (1997) |

| | | | |
|----------|-----------|-----------------|------------|
| EXAMINER | /Lei Yao/ | DATE CONSIDERED | 09/18/2006 |
|----------|-----------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.



INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

11669.213USUI

Application Number:

09/703,350

Applicant: MEHRABAN ET AL.

Filing Date: 10/31/2000

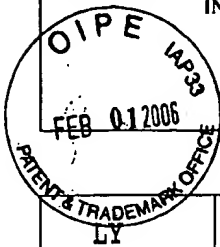
Group Art Unit: 1642

| | |
|----|---|
| LY | Jennische et al., "Expression of hepatocyte growth factor in growing and regenerating rat skeletal muscle", <u>Am J Physiol.</u> , 265(1 Pt 1):C122-C128 (1993) |
| | Kahn et al., "Gene Expression Profiling in an in Vitro Model of Angiogenesis", <u>American Journal of Pathology</u> , 156(6):1887-1900 (2000) |
| | Kohler and Milstein, "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity", <u>Nature</u> , 256:495-497 (1975) |
| | Koide et al., "Preparation of a Monoclonal Antibody Specific for Human Stanniocalcin", <u>Biol. Pharm. Bull.</u> , 21(12):1352-1355 (1998) |
| | Maulik et al., "Role of the hepatocyte growth factor receptor, c-Met, in oncogenesis and potential for therapeutic inhibition", <u>Cytokine & Growth Factor Reviews</u> , 13:41-59 (2002) |
| | McCudden et al., "Characterization of Mammalian Stanniocalcin Receptors", <u>Journal of Biological Chemistry</u> , 277:45249-45258 (2002) |
| | Miyazawa et al., "Molecular Cloning and Sequence Analysis of cDNA for Human Hepatocyte Growth Factor", <u>Biochem. & Biophys. Res. Comm.</u> , 163(2):967-973 (1989) |
| | Morishita et al., "Hepatocyte Growth Factor as Cardiovascular Hormone: Role of HGF in the Pathogenesis of Cardiovascular Disease", <u>Endocrine Journal</u> , 49(3):273-284 (2002) |
| | Nakamura et al., "Molecular Cloning and Expression of Human Hepatocyte Growth Factor", <u>Nature</u> , 342:440-443 (1989) |
| | Okajima et al., "Primary Structure of Rat Hepatocyte Growth Factor and Induction of Its mRNA During Liver Regeneration Following Hepatic Injury", <u>European Journal of Biochemistry</u> , 193:375-381 (1990) |
| | Paciga et al., "Ovarian Stanniocalcin Is Structurally Unique in Mammals and Its Production and Release Are Regulated through the Luteinizing Hormone Receptor", <u>Endocrinology</u> , 143(10):3925-3934 (2002) |
| | Schmidt et al., "Levels of Vascular Endothelial Growth Factor, Hepatocyte Growth Factor/Scatter Factor and Basic Fibroblast Growth Factor in Human Gliomas and Their Relation to Angiogenesis", <u>Int. J. Cancer</u> , 84:10-18 (1999) |
| | Scholz et al., "Ultrastructure and molecular histology of rabbit hind-limb collateral artery growth (arteriogenesis)", <u>Virchows Arch</u> , 436:257-270 (2000) |
| | Seki et al., "Isolation and Expression of cDNA for Different Forms of Hepatocyte Growth Factor from Human Leukocyte", <u>Biochem. and Biophys. Res. Commun.</u> , 172(1):321-327 (1990) |
| | Tashiro et al., "Deduced Primary Structure of Rat Hepatocyte Growth Factor and Expression of the mRNA in Rat Tissues", <u>Proc. Natl. Acad. Sci. USA</u> , 87:3200-3204 (1990) |
| | To et al., "The roles of hepatocyte growth factor/scatter factor and Met receptor in human cancers (Review)", <u>Oncology Reports</u> , 4:1013-1024 (1998) |
| | Varghese et al., "Overexpression of Human Stanniocalcin Affects Growth and Reproduction in Transgenic Mice", <u>Endocrinology</u> , 143(3):868-876 (2002) |
| | Wagner et al., "Human Stanniocalcin Inhibits Renal Phosphate Excretion in the Rat", <u>Journal of Bone and Mineral Research</u> , 12(2):165-171 (1997) |

| | | | |
|----------|-----------|-----------------|------------|
| EXAMINER | /Lei Yao/ | DATE CONSIDERED | 09/18/2006 |
|----------|-----------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

| | | |
|---|---------------------------------|-----------------------------------|
| FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) | Docket Number: 11669.213USU1 | Application Number: 09/703,350 |
| | Applicant: MEHRABAN ET AL. | |
| | Filing Date: 10/31/2000 | Group Art Unit: 1642 |



| | | |
|----|--|--|
| LY | | Wagner et al., "Molecular cloning and cDNA sequence analysis of coho salmon stanniocalcin", <u>Molecular and Cellular Endocrinology</u> , 90(1):7-15 (1992) |
| ↓ | | Wagner et al., "Purification, Characterization, and Bioassay of Teleocalcin, a Glycoprotein from Salmon Corpuscles of Stannius", <u>General and Comparative Endocrinology</u> , 63:481-491 (1986) |
| ↓ | | Xin et al., "Hepatocyte Growth Factor Enhances Vascular Endothelial Growth Factor-Induced Angiogenesis in Vitro and in Vivo", <u>Am. J. Pathol.</u> , 158(3):1111-1120 (2001) |
| ↓ | | Zlot et al., "Stanniocalcin I Is an Autocrine Modulator of Endothelial Angiogenic Responses to Hepatocyte Growth Factor*", <u>The Journal of Biological Chemistry</u> , 278(48):47654-47659 (2003) |
| ↓ | | Copy of International Search Report dated January 21, 2005 |

23552

PATENT TRADEMARK OFFICE

| | | | |
|----------|-----------|-----------------|------------|
| EXAMINER | /Lei Yao/ | DATE CONSIDERED | 09/18/2006 |
|----------|-----------|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

| | | |
|---|---------------------------------|-----------------------------------|
| FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) | Docket Number: 11669.213USU1 | Application Number: 09/703,350 |
| | Applicant: MEHRABAN ET AL. | |
| | Filing Date: 10/31/2000 | Group Art Unit: 1642 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------|------|------|-------|----------|-------------------------------|
| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------|------|---------|-------|----------|-------------|----|
| EXAMINER INITIAL | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|--|---|
| LY | | Colcher et al., "Pharmacokinetics and biodistribution of genetically-engineered antibodies", <u>Q. J. Nucl. Med.</u> , 42:225-241 (1998) |
| LY | | Eccles, "Monoclonal antibodies targeting cancer: 'magic bullets' or just the trigger?", <u>Breast Cancer Research</u> , 3:86-90 (2001) |
| LY | | Presta et al., "Humanization of an Anti-Vascular Endothelial Growth Factor Monoclonal Antibody for the Therapy of Solid Tumors and Other Disorders", <u>Cancer Research</u> , 57:4593-4599 (1997) |
| LY | | "FDA Approves Avastin, A Targeted Therapy for First-Line Metastatic Colorectal Cancer Patients", Genentech: Press Releases – News Release, dated February 26, 2004 |

23552

PATENT TRADEMARK OFFICE

| | | | |
|---|-----------|-----------------|------------|
| EXAMINER | /Lei Yao/ | DATE CONSIDERED | 09/18/2006 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. | | | |